Amendments to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application.

Listing of Claims:

1. (previously presented) A wireless data communication terminal sharing a data communication resource with a plurality of other data communication terminals, the wireless data communication terminal being operable to receive channel status information from a wireless serving communication terminal on an outbound channel and to transmit data to said wireless serving communication terminal on an inbound channel, the wireless data communication terminal comprising a processor operable to monitor channel status symbols inserted on the outbound channel; and to regulate time intervals between successive data transmissions on said inbound channel dependent upon said monitored channel status symbols inserted on the outbound channel, wherein the time intervals are adaptive, said processor is operable to determine a number of busy or idle timeslots in said data transmission on the outbound channel, and to determine what time interval should be set between two successive data messages based on said determination.

2. (original) The wireless communication terminal according to Claim 1, wherein said monitored channel status symbols inserted on the outbound channel indicate a current status of the inbound channel, thereby enabling said wireless communication unit to transmit data packets on said inbound channel dependent upon adaptive channel loading of the inbound communication resource.

3. (cancelled)

4. (original) The wireless communication terminal according to Claim 2, wherein said processor is operable to determine a number of busy or idle timeslots in said data transmission on the outbound channel, and to determine what time interval should be set between two successive data messages based on said determination.

5. (previously presented) The wireless communication terminal according to Claim 1, wherein said processor is operable to employ a dual counter mechanism, including a first counter to count a total number of channel state symbols transmit on said outbound channel and a second counter to count a number of channel-busy or channel-idle indications of said channel state symbols, wherein said processor is operable to determine whether to increase or decrease said time intervals between successive data transmissions dependent upon whether said ratio of counters exceeds or is below at least one threshold value.

6. (original) The wireless communication terminal according to Claim 4, wherein said processor is operable to employ a dual counter mechanism, including a first counter to count a total number of channel state symbols transmit on said outbound channel and a second counter to count a number of channel-busy or channel-idle indications of said channel state symbols, wherein said processor is operable to determine whether to increase or decrease said time intervals between successive data transmissions dependent upon whether said ratio of counters exceeds or is below at least one threshold value.

7. (currently amended) A wireless data communication system supporting an RD-LAP data transmission protocol including a plurality of wireless data communication terminals, wherein the terminals share a data communication resource, and each of the terminals is operable to receive channel status information from a wireless serving communication terminal on an outbound channel and to transmit data to said wireless serving communication terminal on an inbound channel, each wireless data communication terminal comprising a processor operable to monitor channel status symbols inserted on the outbound channel to determine a number of busy or idle timeslots; and to regulate time intervals between successive data transmissions on said inbound channel ~~dependent~~ based upon ~~said monitored channel status symbols inserted on the outbound channel~~ the determined number of busy or idle slots, wherein the time intervals are adaptive time intervals in the RD-LAP wireless data communication system.

8. (previously presented) A method of sharing a data communication resource in a wireless data communication system, wherein at least one wireless data communication terminal receives channel status information from a wireless serving communication terminal on an outbound channel and transmits data to said wireless serving communication terminal on an inbound channel, the method comprising the steps of:

inserting channel status symbols on said outbound channel by said wireless serving communication terminal; and

monitoring, by said at least one wireless data communication terminal, channel status symbols inserted on said outbound channel;

determining a number of busy or idle timeslots in said data transmission on the outbound channel;

determining what time interval should be set between two successive data messages transmit from said wireless data communication unit based on said determination of a number of busy or idle timeslots; and

regulating time intervals between successive data transmissions on said inbound channel, by said at least one wireless data communication terminal, dependent upon said monitored channel status symbols inserted on the outbound channel, wherein the time intervals are adaptive.

9. (original) The method according to Claim 8, wherein said step of inserting channel status symbols on the outbound channel indicates a current status of the inbound channel.

10. (cancelled)

11. (previously presented) The method according to Claim 8, further comprising:

employing a dual counter mechanism, wherein a first counter counts a total number of channel state symbols transmit on said outbound channel and a second counter counts a number of channel-busy or channel-idle indications of said channel state symbols; and

determining whether to increase or decrease said time intervals between successive data transmissions dependent upon whether said ratio of counters exceeds or is below at least one threshold value.

12. (previously presented) The method according to Claim 8, further comprising:

employing a dual counter mechanism, wherein a first counter counts a total number of channel state symbols transmit on said outbound channel and a second counter counts a number of channel-busy or channel-idle indications of said channel state symbols; and

determining whether to increase or decrease said time intervals between successive data transmissions dependent upon whether said ratio of counters exceeds or is below at least one threshold value.

13. (previously presented) A storage medium storing processor-implementable instructions or data for controlling a processor to carry out a method of sharing a data communication resource in a wireless data communication system wherein at least one wireless data communication terminal receives channel status information from a wireless serving communication terminal on an outbound channel and transmits data to said wireless serving communication terminal on an inbound channel, the method carried out by the processor comprising the steps of:

inserting channel status symbols on said outbound channel by said wireless serving communication terminal; and

monitoring, by said at least one wireless data communication terminal, channel status symbols inserted on said outbound channel;

determining a number of busy or idle timeslots in said data transmission on the outbound channel;

determining what time interval should be set between two successive data messages transmit from said wireless data communication unit based on said determination of a number of busy or idle timeslots; and

regulating time intervals between successive data transmissions on said inbound channel, by said at least one wireless data communication terminal, dependent upon said monitored channel status symbols inserted on the outbound channel, wherein the time intervals are adaptive.

14. (previously presented) The wireless communication terminal according to Claim 1, wherein said wireless communication terminal supports an RD-LAP data transmission protocol.

15. (previously presented) The method according to Claim 8, wherein said wireless communication data communication system supports an RD-LAP data transmission protocol